

# V&V Summary Report

## L2 ASCDS Version : 8.4.4

Observation 9452 - L2 Version 3  
Chandra X-Ray Center

L2 Processing Date : May 9 2012

See axaff09452N003\_VV001\_vvref2.pdf for the full report

V&V Scientist	Jen Lauer
V&V Date (YYYY-MM-DD)	2012.05.11
V&V Edition	1
V&V Disposition and Status	OK
V&V Charge Time	13.4632181

## Comments

Roll constraint met.

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A spatial region of the original bias map for CCD = 3 suffered from anomalously high data values. Pixels in the event data that were bias-corrected by one of the original affected bias pixels may have an apparent energy shift. While the change in energy is expected to be small (~20 eV), it depends on many parameters that have not yet been fully explored for this bias anomaly. The bias map for CCD = 3 has been reconstructed for this processing to remove this anomaly using scaled data from a comparable bias map from another observation. The pixels affected by the anomaly are bounded by sky coords:  
(214.78145,52.97724), (214.78708,52.97428), (214.93962,53.07933), (214.93400,53.08230)

seq_num	900796	Sequence number
obs_id	9452	Observation id
title	The Evolution of Faint AGN at High Redshift	Proposal title
observer	Prof Kirpal Nandra	Principal investigator
object	AEGIS-1	Source name
dtcycle	0	&#160
cycle	P	events from which exps? Prim/Second/Both
ra_targ	215.064583	Observer's specified target RA [deg]
dec_targ	53.002694	Observer's specified target Dec [deg]
ra_nom	215.07000965727	Nominal RA [deg]
dec_nom	53.010054999098	Nominal Dec [deg]
roll_nom	48.704377324358	Nominal Roll [deg]
revision	3	Processing version of data
ontime	13463.218132973	Sum of GTIs [s]
livetime	13287.311276588	Livetime [s]
ontime0	13456.936212242	Sum of GTIs [s]
ontime1	13466.359083354	Sum of GTIs [s]
ontime2	13463.218212485	Sum of GTIs [s]
ontime3	13463.218132973	Sum of GTIs [s]
ontime6	13466.359103382	Sum of GTIs [s]
l2events	45712	Number of level 2 events

